

#### **FLORENCE-Z90**

~90° wide beam. Ideal for retail and industrial lighting. Can be used for general office lighting with shade.

#### **SPECIFICATION:**

Dimensions 61.0 x 286.0 mm

Height 8.5 mm

Fastening screw

ROHS compliant yes 1



ComponentTypeMaterialColourFinishFLORENCE-Z90Linear lensPMMAclear

**LEDiL**°

#### **ORDERING INFORMATION:**

Component

F13853\_FLORENCE-Z90

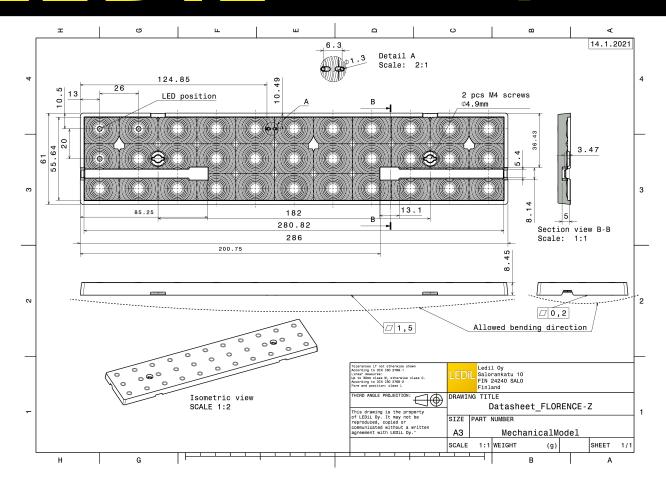
» Box size: 398 x 298 x 140 mm

Qty in box	MOQ	MPQ	Box weight (kg)
72	18	6	7.8

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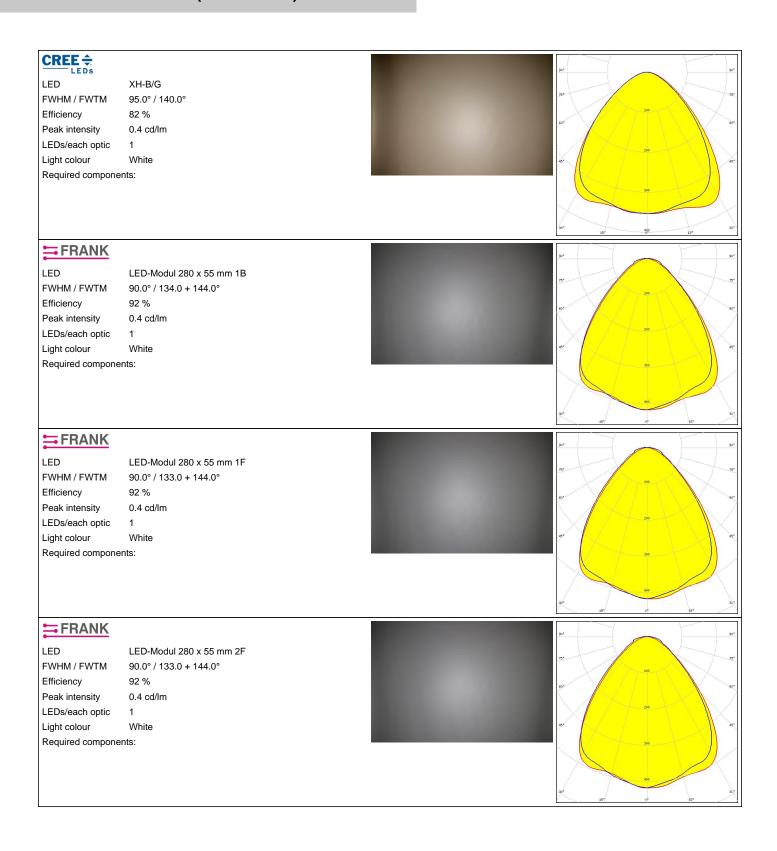
Published: 25/09/2018

# PRODUCT DATASHEET F13853\_FLORENCE-Z90

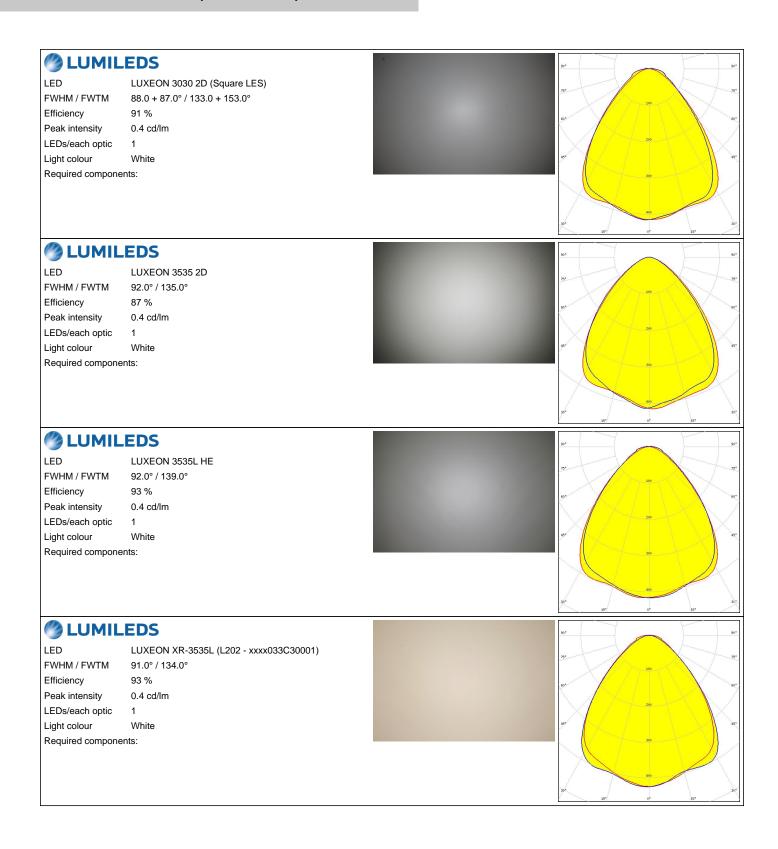


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

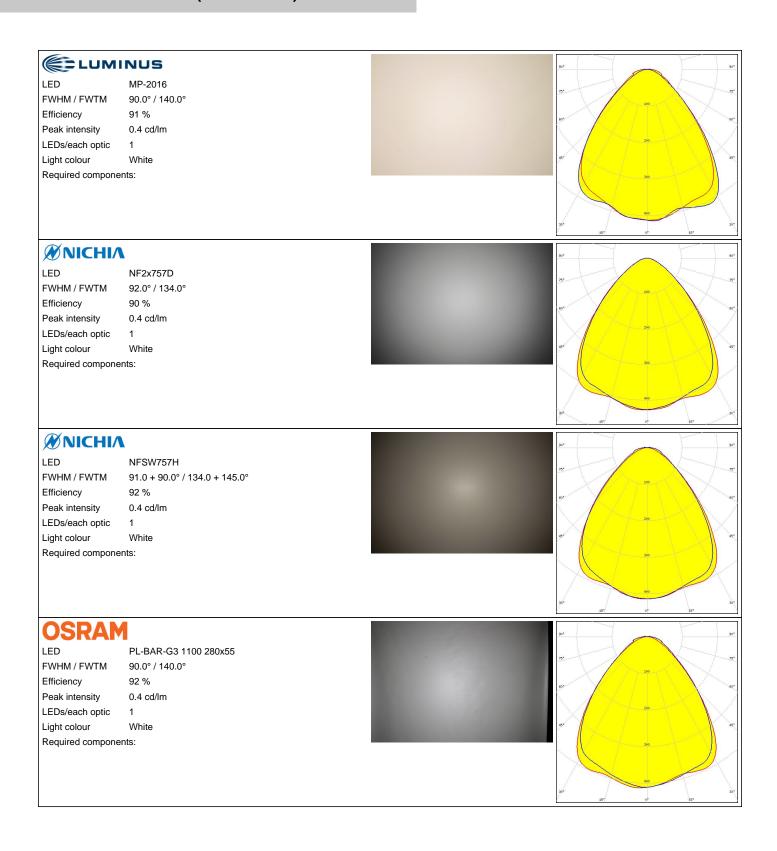




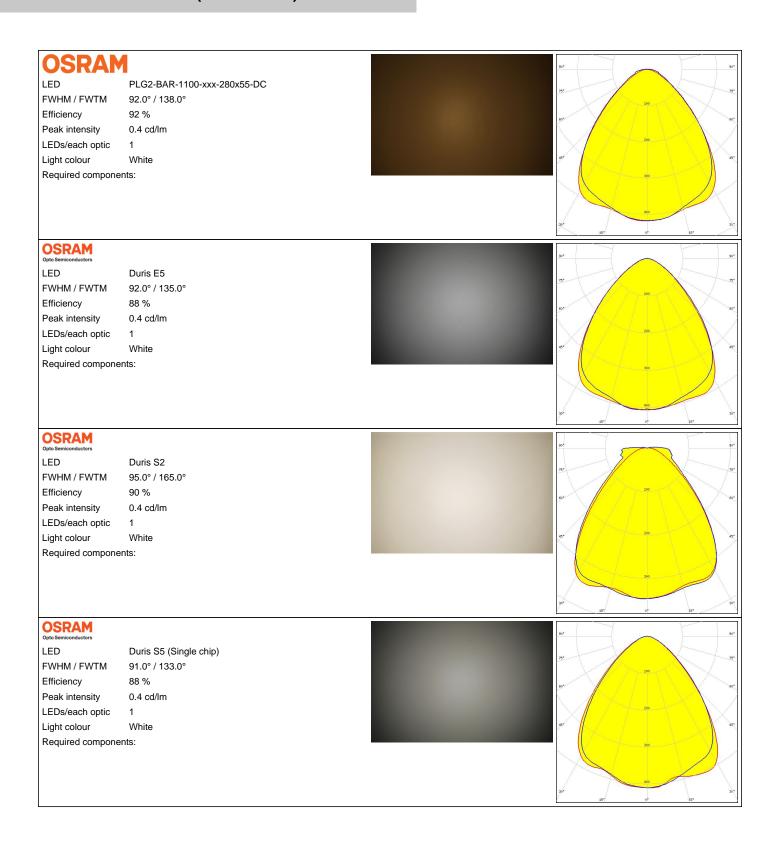




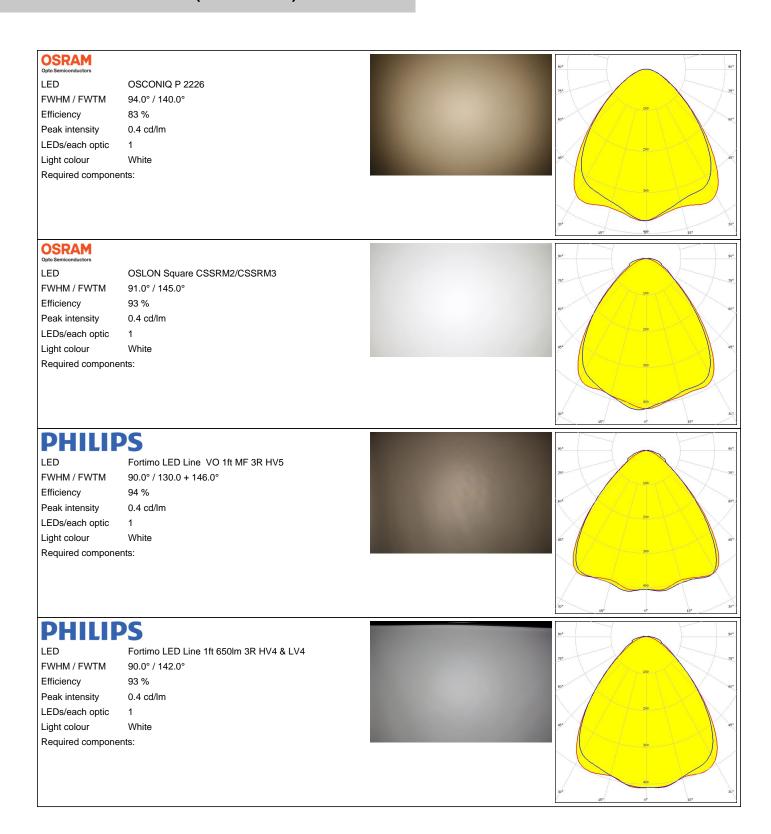












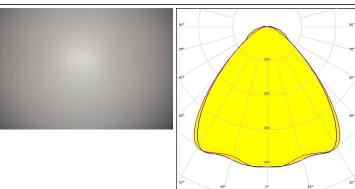
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#### **PHILIPS**

LED Fortimo LED Line 1ft HF 3R HV5

FWHM / FWTM 90.0° / 139.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

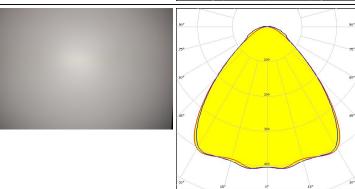


#### PHILIPS

Required components:

LED Fortimo LED Line 1ft LF 3R HV5 & LV5

FWHM / FWTM 90.0° / 140.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White



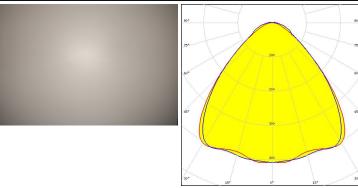
#### PHILIPS

Required components:

Required components:

LED Fortimo LED Line 1ft MF 3R HV5 & LV5

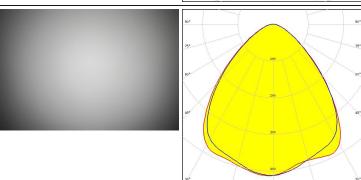
FWHM / FWTM 91.0° / 138.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White



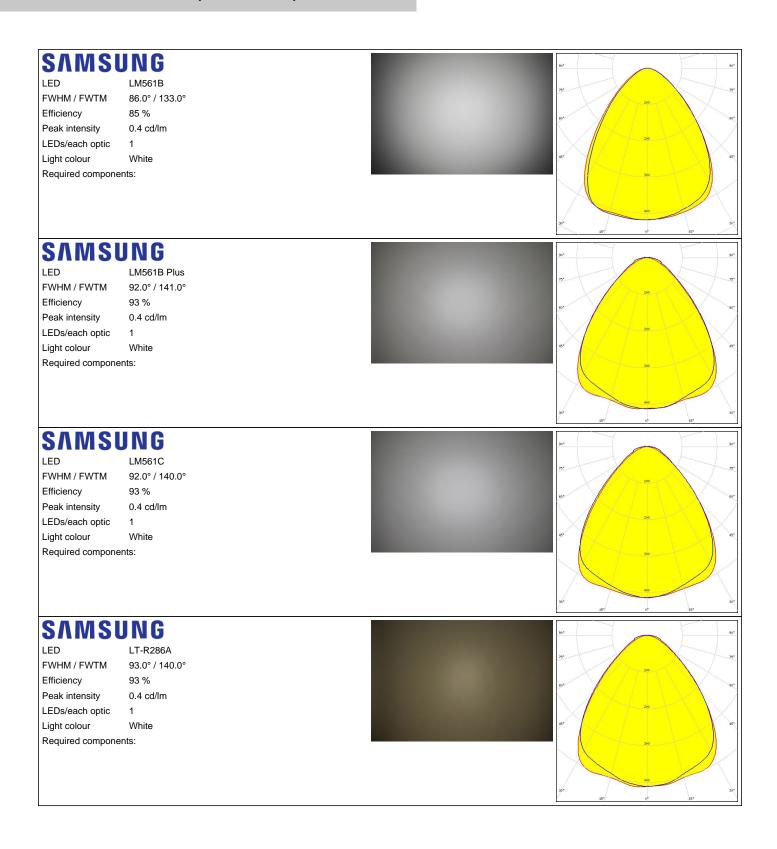
# **SAMSUNG**

LED LM231 A/B FWHM / FWTM 91.0° / 134.0°

Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

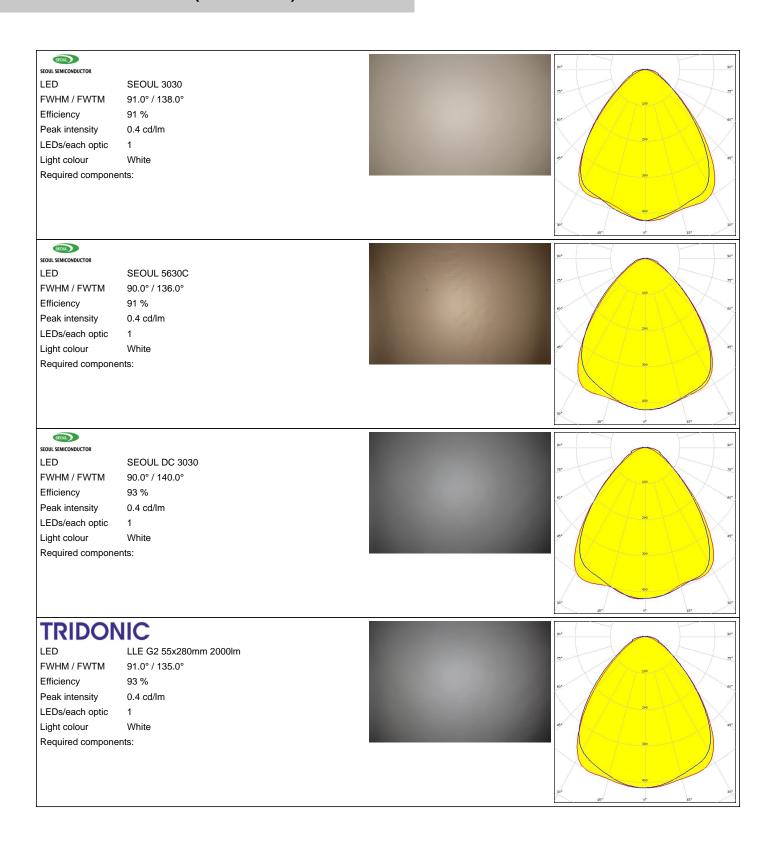






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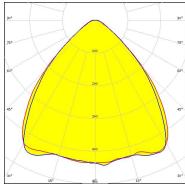




# CREE &

LED J Series 5050 Round LES

FWHM / FWTM 88.0° / 120.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



# CREE &

LED J Series 5050C 6V E Class

FWHM / FWTM 87.0° / 122.0°

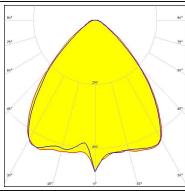
Efficiency 91 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

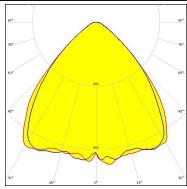
Required components:



## **DESCRIPTION** LUMILEDS

LED LUXEON 5050 Round LES

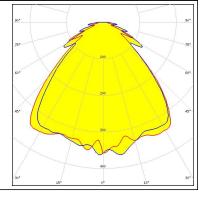
FWHM / FWTM 90.0° / 120.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **WNICHIA**

Required components:

LED NF2x757G
FWHM / FWTM 90.0° / 146.0°
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White



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#### **WNICHIA**

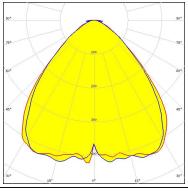
LED NFMW48xA  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 89.0° / 130.0°

Efficiency 92 % 0.4 cd/lm

Peak intensity LEDs/each optic

Light colour White

Required components:



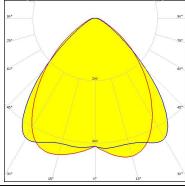
#### **WNICHIA**

LED NFSx757G

FWHM / FWTM 86.0 + 90.0° / 128.0 + 122.0°

Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 2 White Light colour

Required components:



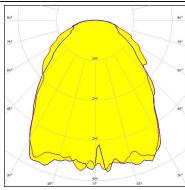
#### **WNICHIA**

LED NVSxE21A FWHM / FWTM 90.0° / 163.0°

Efficiency 94 % Peak intensity 0.4 cd/lm

LEDs/each optic 1 Light colour White

Required components:



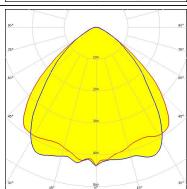
#### **OSRAM**

LED Duris E 2835

FWHM / FWTM 86.0 + 87.0° / 120.0 + 126.0°

Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 2 White Light colour

Required components:



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#### **OSRAM**

LED Duris E 2835

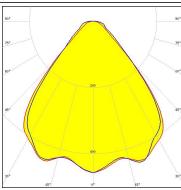
FWHM / FWTM 85.0° / 122.0° 87 %

Efficiency

Peak intensity 0.5 cd/lm LEDs/each optic

Light colour White

Required components:



#### **OSRAM**

LED Duris S8

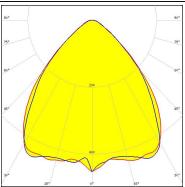
FWHM / FWTM 89.0° / 121.0°

Efficiency 91 %

Peak intensity 0.5 cd/lm LEDs/each optic 1

White Light colour

Required components:



# OSRAM Opto Semiconductor

OSCONIQ C 2424 LED

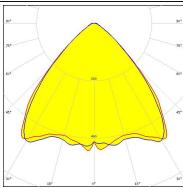
FWHM / FWTM 88.0° / 114.0°

Efficiency 92 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White Required components:



# **SAMSUNG**

LM28xB Series

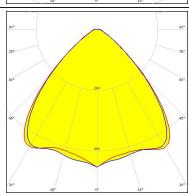
FWHM / FWTM 90.0° / 120.0°

Efficiency 93 %

Peak intensity 0.5 cd/lm

LEDs/each optic White Light colour

Required components:





# **SAMSUNG**

LM301B

FWHM / FWTM 88.0° / 122.0°

Efficiency 91 %

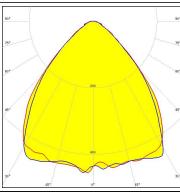
0.5 cd/lm

LEDs/each optic

Light colour White

Required components:

Peak intensity



# **SAMSUNG**

LED LM301B

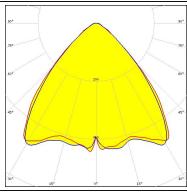
FWHM / FWTM 88.0° / 119.0°

Efficiency 92 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1 White Light colour

Required components:



# **SAMSUNG**

LED

LM302Z plus

FWHM / FWTM

87.0° / 118.0°

Efficiency

92 %

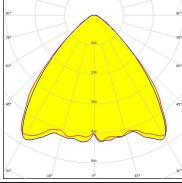
Peak intensity

0.5 cd/lm

LEDs/each optic

1

Light colour White Required components:



# **SAMSUNG**

Efficiency

LM302Z plus

FWHM / FWTM

87.0° / 122.0°

Peak intensity

91 %

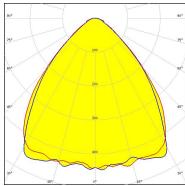
LEDs/each optic

0.5 cd/lm 2

Light colour

White

Required components:







 LED
 SEOUL 5630D

 FWHM / FWTM
 83.0° / 127.0°

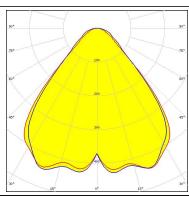
 Efficiency
 84 %

 Peak intensity
 0.5 cd/lm

 LEDs/each optic
 1

Light colour White

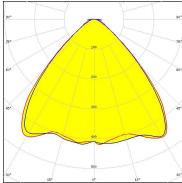
Required components:



# SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
FWHM / FWTM 89.0° / 120.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



# PRODUCT DATASHEET F13853\_FLORENCE-Z90

#### **GENERAL INFORMATION:**

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### **MATERIALS:**

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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# Local sales and technical support

www.ledil.com/ where\_to\_buy

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